CRYSTALLIZATION AND STRUCTURE DETERMINATION OF GLYCOLSYLATED HUMAN BETA SECRETASE, AN ENZYME IMPLICATED IN ALHEIMER'S DISEASE

ABSTRACT

An inhibitor bound form of human beta secretase expressed in CHO cells has been crystallized, and the three dimensional x-ray crystal structure has been solved to 3.2 Å resolution. The x-ray crystal structure is useful for solving the structure of other molecules or molecular complexes, and designing inhibitors of human beta secretase activity.

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